



Crop Weather Report

Issue: 07-26
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For the Week Ending:
Sept. 2, 2007

Weather Summary

Temperatures were above normal again last week. Highs were in the 90s across most of the state, up from the 80s seen the previous week. Glendive reached 101 degrees, the high for the week. Both West Yellowstone and Wisdom had the low of 27 degrees. Superior received the most precipitation at 1.23 inches. The rest of the state experienced below normal precipitation. Topsoil moisture and subsoil moisture conditions have continued to decline. Fifty-two percent of topsoil moisture is rated very short compared to 46 percent the previous week. Subsoil moisture very short is at 45 percent compared to 40 percent the previous week. There were 6.9 days suitable for fieldwork compared with 6.3 days last year.

The weather outlook for September 11th through September 17th is for above normal temperatures and below normal precipitation both east and west of the continental divide. Normal temperatures for this period in Montana are highs in the upper 60s to the upper 70s and lows in the lower 30s to 50 degrees.

Soil Moisture & Fieldwork Table	This Week	Last Week	Last Year	5 Yr Avg
Topsoil Moisture				
Very Short	52	46	44	40
Short	34	42	48	38
Adequate	14	12	8	21
Surplus	0	0	0	1
Subsoil Moisture				
Very Short	45	40	45	43
Short	36	40	45	40
Adequate	19	20	10	17
Surplus	0	0	0	0
Days Suitable for Fieldwork				
Days	6.9	6.2	6.3	6.1

Livestock Report

Range and pasture feed conditions declined from last week. Availability of water for livestock is low in summer pastures. Cattle are being moved earlier when compared to the five-year average. Some are being shipped to other areas in the state due to having little fall pasture left for grazing.

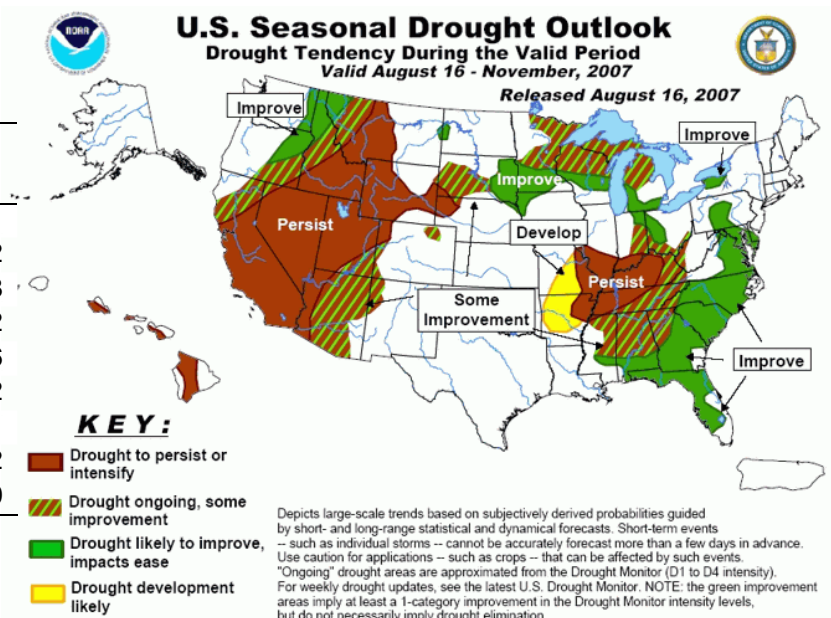
Livestock Table	This Week	Last Week	Last Year	5 Yr Avg
Range and Pasture Feed Condition				
Very Poor	10	12	20	22
Poor	24	20	29	28
Fair	39	31	37	32
Good	24	33	13	16
Excellent	3	4	1	2
Moved From Summer Ranges				
Cattle and Calves	17	16	24	12
Sheep and Lambs	13	12	13	10

Field Crops Report

Farmers have begun planting winter wheat. Harvest is nearly complete for spring wheat, barley, and oats. Peas and lentils should be all harvested soon. Little progress has been made on most of the oilseeds. Much moisture is still needed across the state.

Crop Condition Table	This Week	Last Week	Last Year	5 Yr Avg
Corn				
Very Poor	0	0	7	4
Poor	2	2	1	9
Fair	7	10	14	30
Good	74	70	45	41
Excellent	17	18	33	16

Crop Progress Table	This Week	Last Week	Last Year	5 Yr Avg
Planted				
Winter Wheat	3	n/a	2	1
Turning				
Safflower	93	80	99	n/a
Harvested				
Spring Wheat	94	84	93	74
Durum Wheat	78	74	82	54
Barley	98	88	88	77
Oats	96	92	94	80
Dry Peas	99	90	100	n/a
Lentils	92	87	98	n/a
Dry Beans	43	42	51	30
Flaxseed	75	74	76	n/a
Safflower	6	5	20	n/a
Canola	89	68	77	n/a
Mustard Seed	83	79	93	n/a
Corn for Silage	15	14	31	17
Hay, Second Cutting				
Alfalfa	92	88	91	83
All Other	82	81	84	69



Weather Information for the Week ending 09/02/2007

Station ID						Precipitation							
	Temperature			GDDs		This Week		April 1 to Date			October 1 to Date		
	Hi	LOW	AVG	B50	DFN	Total	DFN	Total	DFN	%NRM	Total	DFN	%NRM
NORTHWEST													
Alberton	95	40	65	106	+20	0.14	-0.14	5.18	-1.53	77	15.79	+3.37	127
Anaconda	90	37	63	95	+38	0.16	-0.25	9.15	+0.22	102	15.27	+2.05	116
Clinton	92	35	64	98	+12	0.22	-0.06	7.19	+0.48	107	15.91	+3.49	128
Corvallis	89	39	64	98	+20	0.01	-0.27	3.89	-2.50	61	6.73	-5.39	56
Creston	85	37	62	87	+17	0.15	-0.27	6.01	-4.05	60	10.66	-7.65	58
Deer Lodge	89	37	61	80	+24	0.00	-0.28	6.79	-0.02	100	10.05	+0.37	104
Drummond	90	34	62	83	+8	0.05	-0.29	7.17	-0.22	97	10.91	-1.34	89
Hamilton	86	41	64	100	+22	0.00	-0.28	4.20	-2.19	66	8.18	-3.94	67
Kalispell	92	39	64	98	+28	0.16	-0.19	5.28	-2.52	68	11.18	-4.17	73
Missoula	90	45	67	120	+34	0.23	-0.05	4.20	-2.51	63	9.70	-2.72	78
Olney	89	28	60	71	+9	0.12	-0.23	3.98	-5.38	43	15.68	-6.03	72
Polson	87	43	65	107	+14	0.14	-0.21	7.46	-1.21	86	12.31	-2.97	81
St Ignatius	88	43	66	111	+22	0.16	-0.19	6.69	-2.33	74	12.04	-3.22	79
Seeley Lake	91	33	63	94	+30	0.11	-0.24	4.57	-3.35	58	15.11	-5.10	75
Sula	88	31	60	69	+14	0.08	-0.27	8.01	-0.73	92	13.39	-1.64	89
Superior	94	41	66	115	+17	1.23	+0.92	7.10	+0.18	103	16.91	+1.42	109
Swan Lake	91	29	61	77	+15	0.14	-0.35	8.49	-1.93	81	24.24	-2.24	92
Thompson Falls	94	41	67	121	+18	0.12	-0.23	6.10	-1.85	77	23.63	+1.87	109
West Glacier	89	37	63	94	+25	0.24	-0.23	7.45	-3.81	66	24.30	-2.80	90
NORTH CENTRAL													
Chester	94	42	66	113	+26	0.00	-0.27	4.85	-2.63	65	8.59	-1.30	87
Chinook	93	47	67	118	+21	0.01	-0.34	8.28	+0.03	100	12.07	+1.08	110
Choteau	89	37	63	91	+1	0.02	-0.26	4.35	-3.31	57	6.06	-3.57	63
Cut Bank	93	41	64	102	+27	0.00	-0.35	1.50	-6.94	18	1.98	-8.79	18
Ft Assinniboine	97	43	68	130	+25	0.02	-0.33	7.93	+0.16	102	11.44	+0.65	106
Fort Benton	92	45	66	115	+16	0.00	-0.35	7.33	-1.74	81	11.66	-1.53	88
Goldbutte	93	33	64	98	+19	0.41	-0.01	7.36	-1.53	83	11.48	-0.16	99
Harlem	95	46	69	134	+36	0.02	-0.26	8.77	+1.00	113	11.78	+1.40	113
Havre	96	44	68	128	+27	0.02	-0.26	7.84	+0.77	111	11.23	+1.17	112
Malta	96	49	71	149	+54	0.05	-0.23	9.49	+0.56	106	12.27	+0.71	106
Rudyard	91	44	66	110	+2	0.03	-0.32	8.54	-0.58	94	11.85	-0.65	95
Shelby	92	39	63	95	+10	0.00	-0.35	3.94	-4.73	45	7.34	-3.70	66
Turner	93	40	65	109	+14	0.00	-0.28	7.34	-1.59	82	9.17	-2.39	79
Valier	91	43	65	109	+24	0.00	-0.35	4.46	-4.21	51	6.40	-4.64	58
NORTHEAST													
Bredette	96	44	68	127	+29	0.23	-0.07	11.20	+2.47	128	14.23	+3.21	129
Culbertson	99	40	70	143	+47	0.32	-0.03	10.01	+0.31	103	13.32	+0.89	107
Glasgow	93	48	70	143	+37	0.01	-0.27	10.95	+3.23	142	13.06	+3.02	130
Glendive	101	47	75	174	+57	0.62	+0.27	10.09	+0.72	108	13.40	+1.05	109
Jordan	96	47	70	143	+31	0.18	-0.10	11.47	+2.66	130	13.78	+1.98	117
Nashua	94	47	71	148	+42	0.25	-0.03	12.44	+4.72	161	14.96	+4.92	149
Opheim	91	35	64	99	+19	0.27	-0.01	10.20	+1.68	120	12.19	+1.64	116
Plentywood	96	36	68	132	+44	0.27	-0.08	13.22	+4.58	153	15.56	+4.57	142
St Marie	92	47	70	139	+33	0.03	-0.25	8.78	+1.06	114	10.30	+0.26	103
Scobey	94	30	68	126	+28	0.11	-0.19	11.00	+2.27	126	13.32	+2.30	121
Sidney	97	41	70	142	+37	0.15	-0.20	10.06	+0.82	109	12.69	+0.31	103
Wolf Point	98	45	70	141	+34	0.59	+0.24	11.17	+0.95	109	12.82	-0.83	94
CENTRAL													
Cascade	92	33	62	85	+21	0.00	-0.37	9.14	-0.41	96	13.19	-0.11	99
Grass Range	93	46	68	129	+34	0.00	-0.35	12.51	+1.22	111	18.44	+2.97	119
Great Falls	96	43	68	126	+33	0.00	-0.35	5.95	-3.25	65	10.54	-3.53	75
Harlowton	92	38	66	109	+25	0.00	-0.35	10.98	+1.72	119	15.67	+3.02	124
Helena	93	50	70	142	+49	0.00	-0.32	6.21	-0.89	87	9.32	-1.22	88
Lewistown	92	44	66	114	+34	0.10	-0.32	11.72	+0.35	103	16.99	+0.25	101
Martinsdale	95	35	64	101	+35	0.00	-0.35	8.03	-0.74	92	11.70	-0.40	97
Neihart	91	42	65	105	+41	0.00	-0.49	14.45	+1.97	116	23.85	+4.88	126
Rogers Pass	94	36	63	88	+4	0.00	-0.35	8.92	+0.34	104	13.57	+1.70	114
Roundup	99	44	72	154	+43	0.02	-0.33	11.21	+2.89	135	15.66	+4.31	138
Ryegate	91	41	65	107	+32	0.00	-0.34	9.95	+1.31	115	14.27	+2.49	121
Stanford	94	46	68	124	+45	0.00	-0.35	9.64	-1.42	87	14.34	-0.95	94
Townsend	96	42	66	114	+30	0.00	-0.35	5.80	-1.48	80	8.77	-1.37	86
Valentine	94	47	67	120	+21	0.37	+0.02	10.63	+0.66	107	15.07	+1.74	113
Wht Sulphur Spr	92	37	64	103	+48	0.00	-0.35	5.16	-4.15	55	8.05	-6.86	54
SOUTHWEST													
Boulder	91	40	65	104	+29	0.00	-0.35	6.69	-0.82	89	9.89	-0.73	93
Bozeman	92	43	67	123	+37	0.03	-0.39	12.84	+1.96	118	23.32	+5.95	134
Butte	88	38	61	78	+20	0.00	-0.35	7.33	-0.27	96	11.28	+0.34	103
Dillon	90	41	66	112	+36	0.00	-0.28	7.84	+0.92	113	11.29	+2.07	122
Ennis	93	36	64	97	+25	0.04	-0.31	8.42	-0.01	100	13.87	+1.91	116
Lakeview	88	41	65	109	+68	0.22	-0.20	4.95	-5.50	47	11.81	-6.74	64
W Yellowstone	87	27	59	63	+25	0.06	-0.35	5.62	-3.69	60	12.56	-7.94	61
Wisdom	91	27	58	57	+24	0.00	-0.28	6.82	+0.37	106	12.66	+2.42	124
SOUTH CENTRAL													
Billings	97	48	72	153	+39	0.01	-0.27	9.24	+0.91	111	15.08	+1.28	109
Cooke City	90	41	66	117	+92	0.08	-0.46	6.87	-4.65	60	12.76	-10.58	55
Gardiner	92	48	70	143	+45	0.00	-0.28	3.12	-3.07	50	6.94	-2.70	72
Hardin	100	49	74	171	+64	0.00	-0.36	8.84	+0.10	101	14.22	-0.02	100
Huntley	97	43	70	141	+42	0.00	-0.35	9.51	+0.96	111	14.30	+1.57	112
Hysham	92	50	71	146	+30	0.15	-0.13	10.23	+2.00	124	15.42	+3.55	130
Joliet	96	42	67	119	+22	0.00	-0.35	8.92	-0.55	94	14.79	+0.06	100
Livingston	96	40	69	133	+42	0.01	-0.34	9.21	-0.45	95	15.28	+1.19	108
Nye	93	39	68	126	+35	0.05	-0.30	9.54	-0.12	99	14.76	+0.67	105
Rapelje	96	41	70	139	+40	0.00	-0.35	14.67	+5.41	158	19.05	+4.93	135
SOUTHEAST													
Albion	94	45	68	124	+22	0.20	-0.08	12.21	+3.06	133	16.58	+4.19	134
Baker	97	43	70	142	+34	0.06	-0.29	12.00	+2.54	127	15.61	+2.65	120
Broadus	96	44	73	160	+56	0.14	-0.09	11.99	+3.45	140	16.34	+3.85	131
Ekalaka	91	45	71	149	+43	0.22	-0.14	12.22	+1.21	111	17.72	+2.69	118
Miles City	99	48	74	173	+49	0.01	-0.27	8.66	-0.52	94	11.46	-1.42	89
Plevna	97	41	70	140	+32	0.09	-0.26	11.04	+1.58	117	15.39	+2.43	119
Compiled by AWIS Inc. based on NWS data. DFN-Departure from normal 1961-1990. GDD-Growing degree days													